

# Chapter 10

## DTD for Chassis Response Tags

This chapter contains the document type definition (DTD) called `junos-chassis.dtd`, which lists the tags returned by the JUNOScript server to describe the router chassis. The associated Extensible Markup Language (XML) namespace is <http://xml.juniper.net/junos/5.6R1/junos-chassis>. To review reference pages for the tags, see “Summary of Chassis Response Tags” on page 98.

```
<!-- Copyright (c) 2000-2002, Juniper Networks, Inc. -->
<!-- All rights reserved. -->
<!-- junos-chassis.dtd -->

<!ELEMENT activate-count (#PCDATA)>

<!ELEMENT alarm-indicators (red-led | yellow-led | major-alarm-relay | minor-alarm-relay)*>

<!ELEMENT amber-led EMPTY>

<!ELEMENT asic-information (#PCDATA)>

<!ELEMENT asic-name (#PCDATA)>

<!ELEMENT asic-type (#PCDATA)>

<!ELEMENT assembly-flags (#PCDATA)>

<!ELEMENT assembly-identifier (#PCDATA)>

<!ELEMENT assembly-version (#PCDATA)>

<!ELEMENT bios-version (#PCDATA)>

<!ELEMENT blue-led EMPTY>

<!ELEMENT board-information-record (#PCDATA)>

<!ELEMENT cable-type (#PCDATA)>

<!ELEMENT cb (slot | amber-led | green-led | blue-led)*>

<!ELEMENT cb-panel (cb)*>

<!ELEMENT chassis (name | version | part-number | serial-number | description | i2c-information | chassis-module)*>
<!ATTLIST chassis junos:style CDATA #IMPLIED>

<!ELEMENT chassis-fru (name | part-number | assembly-identifier | connector-type | fiber-type | driver-strength | description | chassis-fru-module)*>
```

```
<!ELEMENT chassis-fru-inventory (chassis-fru)*>

<!ELEMENT chassis-fru-module (name | part-number | assembly-identifier | connector-type | fiber-type | driver-strength | description | chassis-fru-sub-module)*>

<!ELEMENT chassis-fru-sub-module (name | part-number | assembly-identifier | connector-type | fiber-type | driver-strength | description)*>

<!ELEMENT chassis-inventory (chassis)*>

<!ELEMENT chassis-module (name | version | part-number | serial-number | description | i2c-information | firmware | chassis-sub-module)*>

<!ELEMENT chassis-sub-module (name | version | part-number | serial-number | description | i2c-information | firmware | chassis-sub-sub-module)*>

<!ELEMENT chassis-sub-sub-module (name | version | part-number | serial-number | description)*>

<!ELEMENT class (#PCDATA)>

<!ELEMENT comment (#PCDATA)>

<!ELEMENT connector-type (#PCDATA)>

<!ELEMENT cpu-background (#PCDATA)>

<!ELEMENT cpu-idle (#PCDATA)>

<!ELEMENT cpu-interrupt (#PCDATA)>

<!ELEMENT cpu-rom-version (#PCDATA)>

<!ELEMENT cpu-sw-version (#PCDATA)>

<!ELEMENT cpu-system (#PCDATA)>

<!ELEMENT cpu-total (#PCDATA)>

<!ELEMENT cpu-user (#PCDATA)>

<!ELEMENT craft-information (front-panel | mcs-panel | sfm-panel | pcg-panel | cb-panel | sib-panel | scg-panel | output)*>

<!ELEMENT description (#PCDATA)>

<!ELEMENT display-line (#PCDATA)>

<!ELEMENT display-panel (display-line)*>

<!ELEMENT driver-strength (#PCDATA)>

<!ELEMENT eeprom-version (#PCDATA)>

<!ELEMENT environment-information (environment-item)*>

<!ELEMENT environment-item (class | name | status | temperature | comment)*>

<!ELEMENT fail-led EMPTY>

<!ELEMENT failover-count (#PCDATA)>

<!ELEMENT fiber-type (#PCDATA)>
```

```

<!ELEMENT firmware (type | firmware-version)*>
...
<!ELEMENT firmware-information (chassis)*>
...
<!ELEMENT firmware-version (#PCDATA)>
...
<!ELEMENT fpc (slot | logical-slot | state | temperature | cpu-total | cpu-interrupt | memory-dram-size |
memory-sram-size | memory-sdram-size | memory-notification-sdram-size | memory-heap-utilization |
memory-buffer-utilization | asic-information | start-time | up-time | comment | pic | pic-detail | red-led |
green-led)*>
...
<!ELEMENT fpc-information (fpc)*>
<!ATTLIST fpc-information junos:style CDATA #IMPLIED>
...
<!ELEMENT fpc-panel (fpc)*>
...
<!ELEMENT front-panel (display-panel | re-panel | alarm-indicators | fpc-panel)*>
...
<!ELEMENT green-led EMPTY>
...
<!ELEMENT i2c-data (#PCDATA)>
...
<!ELEMENT i2c-identifier (#PCDATA)>
...
<!ELEMENT i2c-information (jedec-code | eeprom-version | part-number | serial-number |
assembly-identifier | assembly-version | manufacture-date | assembly-flags | i2c-version | i2c-identifier |
i2c-data | board-information-record | rma-record)*>
...
<!ELEMENT i2c-version (#PCDATA)>
...
<!ELEMENT jedec-code (#PCDATA)>
...
<!ELEMENT load-average-fifteen (#PCDATA)>
...
<!ELEMENT load-average-five (#PCDATA)>
...
<!ELEMENT load-average-one (#PCDATA)>
...
<!ELEMENT logical-slot (#PCDATA)>
...
<!ELEMENT major-alarm-relay EMPTY>
...
<!ELEMENT manufacture-date (#PCDATA)>
...
<!ELEMENT master-led EMPTY>
...
<!ELEMENT mastership-priority (#PCDATA)>
...
<!ELEMENT mastership-state (#PCDATA)>
...
<!ELEMENT mcs (slot | amber-led | green-led | blue-led)*>
...
<!ELEMENT mcs-panel (mcs)*>
...
<!ELEMENT memory-buffer-utilization (#PCDATA)>
...
<!ELEMENT memory-dram-size (#PCDATA)>
...
<!ELEMENT memory-heap-utilization (#PCDATA)>
...
<!ELEMENT memory-notification-sdram-size (#PCDATA)>
...

```

```
<!ELEMENT memory-sdram-size (#PCDATA)>
<!ELEMENT memory-sram-size (#PCDATA)>
<!ELEMENT minor-alarm-relay EMPTY>
<!ELEMENT model (#PCDATA)>
<!ELEMENT name (#PCDATA)>
<!ELEMENT number (#PCDATA)>
<!ELEMENT ok-led EMPTY>
<!ELEMENT output (#PCDATA)>
<!ELEMENT part-number (#PCDATA)>
<!ELEMENT pcg (slot | amber-led | green-led | blue-led)*>
<!ELEMENT pcg-panel (pcg)*>
<!ELEMENT pic (pic-slot | pic-type | comment)*>
<!ELEMENT pic-detail (slot | pic-slot | pic-type | asic-type | comment | pic-version | state | cpu-total | cpu-interrupt | memory-buffer-utilization | memory-heap-utilization | memory-dram-size | cpu-sw-version | cpu-rom-version | up-time | port-information)*>
<!ELEMENT pic-slot (#PCDATA)>
<!ELEMENT pic-type (#PCDATA)>
<!ELEMENT pic-version (#PCDATA)>
<!ELEMENT port (port-number | cable-type | sfp-vendor-name | sfp-vendor-pno)*>
<!ELEMENT port-information (port)*>
<!ELEMENT port-number (#PCDATA)>
<!ELEMENT re (slot | ok-led | fail-led | master-led)*>
<!ELEMENT re-panel (re)*>
<!ELEMENT red-led EMPTY>
<!ELEMENT reset-count (#PCDATA)>
<!ELEMENT rma-record (#PCDATA)>
<!ELEMENT route-engine (description | slot | mastership-state | mastership-priority | temperature | memory-dram-size | memory-buffer-utilization | cpu-user | cpu-background | cpu-system | cpu-interrupt | cpu-idle | model | serial-number | start-time | up-time | load-average-one | load-average-five | load-average-fifteen | bios-version)*>
<!ELEMENT route-engine-information (route-engine)*>
<!ELEMENT scb (slot | state | failover-count | reset-count | activate-count | temperature | spp-temperature | spr-temperature | cpu-total | cpu-interrupt | memory-dram-size | memory-sram-size | memory-heap-utilization | memory-buffer-utilization | asic-name | asic-information | start-time | up-time | comment)*>
```

```
<!ELEMENT scb-information (scb-type | scb)*>
<!ATTLIST scb-information junos:style CDATA #IMPLIED>
.
.
.
<!ELEMENT scb-type (#PCDATA)>
.
.
.
<!ELEMENT scg (slot | amber-led | green-led | blue-led)*>
.
.
.
<!ELEMENT scg-panel (scg)*>
.
.
.
<!ELEMENT serial-number (#PCDATA)>
.
.
.
<!ELEMENT sfm (slot | amber-led | green-led | blue-led)*>
.
.
.
<!ELEMENT sfm-panel (sfm)*>
.
.
.
<!ELEMENT sfp-vendor-name (#PCDATA)>
.
.
.
<!ELEMENT sfp-vendor-pno (#PCDATA)>
.
.
.
<!ELEMENT sib-panel (#PCDATA)*>
.
.
.
<!ELEMENT slot (#PCDATA)>
.
.
.
<!ELEMENT spp-temperature (#PCDATA)>
.
.
.
<!ELEMENT spr-temperature (#PCDATA)>
.
.
.
<!ELEMENT start-time (#PCDATA)>
<!ATTLIST start-time junos:seconds CDATA #IMPLIED>
.
.
.
<!ELEMENT state (#PCDATA)>
.
.
.
<!ELEMENT status (#PCDATA)>
.
.
.
<!ELEMENT temperature (#PCDATA)>
<!ATTLIST temperature junos:celsius CDATA #IMPLIED>
.
.
.
<!ELEMENT type (#PCDATA)>
.
.
.
<!ELEMENT up-time (#PCDATA)>
<!ATTLIST up-time junos:seconds CDATA #IMPLIED>
.
.
.
<!ELEMENT version (#PCDATA)>
.
.
.
<!ELEMENT yellow-led EMPTY>
```

